AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (canceled).

10. (New) A method for warning a driver of a motor vehicle of a traffic situation involving an increased collision risk, comprising:

supplying signals from at least one object detector to an analyzer device, wherein the signals represent motion quantities of at least one detected object;

supplying signals from at least one motion sensor system to the analyzer device, wherein the signals represent motion quantities of the motor vehicle;

calculating by the analyzer device all possible motion trajectories for each detected object and for the motor vehicle, taking into account: a) one of maximum acceleration value and maximum deceleration value; and b) one of maximum change in acceleration value over time and maximum change in deceleration value over time; and

issuing a warning to the driver, when an imminent collision is recognized based on the calculating by the analyzer device, wherein the warning includes an indication that at least one of the following is needed to avoid a collision: a) higher acceleration value; b) higher deceleration value; c) a higher change in acceleration value over time; and d) a higher change in deceleration value over time.

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11. (New) The method as recited in Claim 10, wherein the maximum acceleration value, the maximum deceleration value, the maximum change in acceleration value over time, and the maximum change in deceleration value over time have magnitudes that are comfortable for the driver.

12. (New) The method as recited in Claim 10, wherein for each of longitudinal vehicle acceleration, longitudinal vehicle deceleration, and transverse vehicle acceleration, different maximum values and different maximum change values over time are provided.

13. (New) The method as recited in Claim 12, wherein: a) one of the maximum acceleration value and the maximum deceleration value; and b) one of the maximum change in acceleration value over time and the maximum change in deceleration value over time, are variable dependent on an instantaneous velocity of the vehicle.

14. (New) The method as recited in Claim 12, wherein: a) one of the maximum acceleration value and the maximum deceleration value; and b) one of the maximum change in acceleration value over time and the maximum change in deceleration value over time, are variable dependent on a traffic situation represented by the signals from the at least one object detector.

15. (New) The method as recited in Claim 12, wherein, when an imminent collision is recognized, in addition to issuing the warning to the driver, an automatic intervention in at least one vehicle drive systems, vehicle deceleration systems and vehicle steering systems is triggered.

16. (New) A system for warning a driver of a motor vehicle of a traffic situation involving an increased collision risk, comprising:

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at least one object detector for supplying signals representing motion quantities of at least one detected object;

at least one motion sensor system for supplying signals representing motion quantities of the motor vehicle;

an analyzer device operatively coupled to the at least one object detector and the at least one motion sensor system for receiving signals from the at least one object detector and the at least one motion sensor system to calculate all possible motion trajectories for each detected object and for the motor vehicle, taking into account: a) one of maximum acceleration value and maximum deceleration value; and b) one of maximum change in acceleration value over time and maximum change in deceleration value over time; and

a driver warning device operatively coupled to the analyzer device for issuing a warning to the driver when an imminent collision is recognized based on the calculating by the analyzer device, wherein the warning includes an indication that at least one of the following is needed to avoid a collision: a) higher acceleration value; b) higher deceleration value; c) a higher change in acceleration value over time; and d) a higher change in deceleration value over time.

17. (New) The system as recited in Claim 16, wherein the at least one object detector is one of a radar sensor, a laser sensor, an ultrasound sensor, a video sensor, and a combination thereof.

18. (New) The system as recited in Claim 16, wherein the at least one motion sensor system is at least one of a velocity sensor, an acceleration sensor, and a yaw rate sensor.

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